

WHAT IS CLAIMED IS:

1. An automatic manufacturing-vending machine for sandals comprising:

a sole housing portion housing a plurality of soles for sandals according to a plurality of sizes;

a sole pickup portion for picking up soles of a predetermined size out of the plurality of soles housed in the sole housing portion;

an upper housing portion housing a plurality of uppers for sandals according to a plurality of sizes;

an upper pickup portion for picking up uppers of a predetermined size out of the plurality of uppers housed in the upper housing portion;

a size selecting portion for a user to select a desirable size of soles and uppers;

a compensation paying portion for a user to pay compensation for manufacturing and vending desirable sandals;

a control means for controlling the sole pickup portion and the upper pickup portion so as to pick up soles and uppers of a size selected by a user out of the sole housing portion and the upper housing portion, respectively, based on a signal from the size selecting portion or the compensation inputting portion;

an attaching mechanism portion for attaching the picked-up uppers to the picked-up soles based on a signal from the control means of the compensation paying portion; and

a sandal ejecting portion for ejecting sandals formed by attaching the uppers to the soles by the attaching mechanism portion into a sandal takeout opening from which a user can take out the same, wherein

the sole housing portion, the upper housing portion, the sole pickup portion, the upper pickup portion, the attaching mechanism portion, and the sandal ejecting portion are housed in one housing.

2. An automatic manufacturing-vending machine for sandals comprising:

a sole housing portion housing a plurality of soles for sandals according to a plurality of sizes;

a sole pickup portion for picking up soles of a predetermined size out of the plurality of soles housed in the sole housing portion;

an upper housing portion housing a plurality of uppers for sandals according to a plurality of sizes and a plurality of types;

an upper pickup portion for picking up uppers of a predetermined size and type out of the plurality of uppers housed

in the upper housing portion;

a size and type selecting portion for a user to select a desirable size and type of soles and uppers;

a compensation paying portion for a user to pay compensation for manufacturing and vending desirable sandals;

a control means for controlling the sole pickup portion and the upper pickup portion so as to pick up soles of a size selected by a user out of the sole housing portion and pick up uppers of a size and type selected by a user from the upper housing portion based on a signal from the size and type selecting portion or the compensation inputting portion;

an attaching mechanism portion for attaching the picked-up uppers to the picked-up soles based on a signal from the control means of the compensation paying portion; and

a sandal ejecting portion for ejecting sandals formed by attaching the uppers to the soles by the attaching mechanism portion into a sandal takeout opening from which a user can take out the same, wherein

the sole housing portion, the upper housing portion, the sole pickup portion, the upper pickup portion, the attaching mechanism portion, and the sandal ejecting portion are housed in one housing.

3. An automatic manufacturing-vending machine for sandals

comprising:

a sole housing portion housing a plurality of soles for sandals according to a plurality of sizes and a plurality of colors;

a sole pickup portion for picking up soles of a predetermined size and color out of the plurality of soles housed in the sole housing portion;

an upper housing portion housing a plurality of uppers for sandals according to a plurality of sizes and a plurality of colors;

an upper pickup portion for picking up upper portions of a predetermined size and color out of the plurality of uppers housed in the upper housing portion;

a size and color selecting portion for a user to select a desirable size and color of soles and uppers;

a compensation paying portion for a user to pay compensation for manufacturing and vending desirable sandals;

a control means for controlling the sole pickup portion and the upper pickup portion so as to pick up soles and uppers of a size and color selected by a user out of the sole housing portion and the upper housing portion, respectively, based on a signal from the size and color selecting portion or the compensation inputting portion;

an attaching mechanism portion for attaching the picked-up uppers to the picked-up soles based on a signal from the control means of the compensation paying portion; and

a sandal ejecting portion for ejecting sandals formed by attaching the uppers to the soles by the attaching mechanism portion into a sandal takeout opening from which a user can take out the same, wherein

the sole housing portion, the upper housing portion, the sole pickup portion, the upper pickup portion, the attaching mechanism portion, and the sandal ejecting portion are housed in one housing.

4. An automatic manufacturing-vending machine for sandals comprising:

a beltlike-body housing portion housing beltlike bodies for forming soles for sandals of a plurality of sizes;

an upper housing portion housing a plurality of uppers for sandals according to a plurality of sizes;

an upper pickup portion for picking up uppers of a predetermined size out of the plurality of uppers housed in the upper housing portion;

a sole size selecting portion for a user to select a desirable size of soles;

an upper size selecting portion for a user to select a

desirable size of uppers;

a compensation paying portion for a user to pay compensation for manufacturing and vending desirable sandals;

a cutout portion for cutting out a beltlike body from the beltlike-body housing portion into forms of the size of soles selected by a user;

a control means for controlling the upper pickup portion so as to pick up uppers of a size selected by a user out of the upper housing portion based on a signal from the upper size selecting portion or the compensation inputting portion;

an attaching mechanism portion for attaching uppers picked up out of the upper housing portion to soles cut out by the cutout portion based on a signal from the cutout portion, the control portion, or the compensation paying portion; and

a sandal ejecting portion for ejecting sandals formed by attaching the uppers to the soles by the attaching mechanism portion into a sandal takeout opening from which a user can take out the same, wherein

the beltlike-body housing portion, the upper housing portion, the upper pickup portion, the cutout portion, the attaching mechanism portion, and the sandal ejecting portion are housed in one housing.

5. An automatic manufacturing-vending machine for sandals

comprising:

a beltlike-body housing portion housing beltlike bodies for forming soles for sandals of a plurality of sizes and types;

an upper housing portion housing a plurality of uppers for sandals according to a plurality of sizes and a plurality of types;

an upper pickup portion for picking up uppers of a predetermined size and type out of the plurality of uppers housed in the upper housing portion;

a size and type selecting portion for a user to select a desirable size of soles and a desirable size and type of uppers;

a compensation paying portion for a user to pay compensation for manufacturing and vending desirable sandals;

a cutout portion for cutting out a beltlike body from the beltlike-body housing portion into forms of the size of soles selected by a user based on a signal from the size and type selecting portion or the compensation inputting portion;

a control means for controlling the upper pickup portion so as to pick up uppers of a size and type selected by a user out of the upper housing portion based on a signal from the size and type selecting portion or the compensation inputting portion;

an attaching mechanism portion for attaching uppers picked

up out of the upper housing portion to soles cut out by the cutout portion based on a signal from the cutout portion, the control portion, or the compensation paying portion; and

a sandal ejecting portion for ejecting sandals formed by attaching the uppers to the soles by the attaching mechanism portion into a sandal takeout opening from which a user can take out the same, wherein

the beltlike-body housing portion, the upper housing portion, the upper pickup portion, the cutout portion, the attaching mechanism portion, and the sandal ejecting portion are housed in one housing.

6. The automatic manufacturing-vending machine for sandals according to Claim 1 or 2, further provided with:

a sole color selecting portion for a user to select a desirable sole color;

an upper color selecting portion for a user to select a desirable upper color;

a sole coloring portion for coloring, based on a signal from the sole color selecting portion, soles selectively picked out of the sole housing portion with a color selected by a user; and

an upper coloring portion for coloring, based on a signal from the upper color selecting portion, uppers selectively



picked out of the upper housing portion with a color selected by a user.

7. The automatic manufacturing-vending machine for sandals according to Claim 1, 2, or 3 further provided with:

a sole image forming portion for a user to select or externally import a desirable print image of soles; and

a sole printing portion for printing an image selected by a user on soles selectively picked out of the sole housing portion based on a signal from the sole image forming portion.

8. The automatic manufacturing-vending machine for sandals according to Claim 4 or 5 further provided with:

a sole color selecting portion for a user to select a desirable sole color;

an upper color selecting portion for a user to select a desirable upper color;

a sole coloring portion for coloring, based on a signal from the sole color selecting portion, soles selectively picked out of the sole housing portion or soles obtained by being cut out from the beltlike-body by the cutout portion with a color selected by a user; and

an upper coloring portion for coloring, based on a signal from the upper color selecting portion, uppers selectively picked out of the upper housing portion with a color selected

by a user.

9. The automatic manufacturing-vending machine for sandals according to any of Claims 1 to 8 further provided with:

a packing portion for enclosing, before sandals formed by attaching the uppers to the soles by the attaching mechanism portion are ejected, sandals in a container such as a bag or a box.

10. The automatic manufacturing-vending machine for sandals according to any of Claims 1 to 9 further provided with:

in the housing, a display portion for displaying images to serve a user in selecting a sole color, an upper color, or an upper type.